## **EAST Search History**

| Ref<br># | Hits | Search Query   | DBs                                       | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | . 6  | hydrogen adj3 selective adj3<br>membrane and proton and electron<br>and perovskite | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2007/03/25 09:59 |
| L2       | 35   | selective adj3 membrane and proton and electron and perovskite                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2007/03/25 10:00 |
| L3       | 1    | membrane adj3 reformer and proton and electron and perovskite                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2007/03/25 10:00 |
| L4       | 13   | membrane adj3 reformer and perovskite  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2007/03/25 10:43 |
| L5       | 2    | hydrogen adj2 membrane adj3 reformer and perovskite                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2007/03/25 10:44 |
| L6       | 11   | hydrogen adj2 membrane same<br>reformer and perovskite                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2007/03/25 10:45 |
| L7       | 2    | hydrogen-selective adj2 membrane<br>same reformer and perovskite                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2007/03/25 11:28 |
| L8       | 43   | hydrogen-selective adj2 membrane<br>and gas adj phase                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2007/03/25 11:30 |
| L9       | 3    | hydrogen-selective adj2 membrane<br>same gas adj phase                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2007/03/25 11:36 |
| L10      | 2    | hydrogen-selective adj2 membrane<br>same gas-phase                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ÓИ      | 2007/03/25 11:29 |
| L11      | 2    | hydrogen-selective adj2 membrane<br>and gas-phase adj reactor                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2007/03/25 11:29 |

## **EAST Search History**

| L12 | 3   | hydrogen-selective adj2 membrane<br>and gas adj phase adj reactor  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO                         | OR | ON  | 2007/03/25 11:30 |
|-----|-----|--|---|----|-----|------------------|
| L13 | 2   | ("6,165,350").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/25 11:31 |
| L14 | 1   | L13 and gas adj phase  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/25 11:34 |
| L15 | 0   | gas adj phase adj reactor same<br>memberane same hydrogen  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/25 11:34 |
| L16 | 34  | hydrogen adj2 membrane same gas<br>adj phase   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO                         | OR | ON  | 2007/03/25 11:49 |
| L17 | 4   | (("6235417") or ("6066307")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/25 11:51 |
| L18 | 14  | membrane and palladium and<br>hydrogen and electron and proton<br>and fluidized adj bed and perovskite                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/25 12:51 |
| L19 | . 2 | membrane and palladium and<br>hydrogen and electron and proton<br>and fluidized adj bed and perovskite<br>and tube and sheet | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/25 12:53 |
| L20 | 4   | membrane and palladium and hydrogen and fluidized adj bed and perovskite and tube same sheet                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/25 13:40 |

## **EAST Search History**

| L21 13215 ((48/61,197R) or (422/191,197,198, 211) or (423/648,650-652) or (429/17,19)).CCLS. | US-PGPUB; OR USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OFF | 2007/03/25 13:41 |
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